

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L21	4	catalyst adj mud adj (preparation preparing)	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:08
L22	0	catalyst adj mud adj (generation)	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:08
L23	28	catalyst adj mud	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:10
L24	1	("6045661").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:44
L25	1	("5533437").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:56
L26	103044	purge purged	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:56
L27	293195	hydrocarbon	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:56
L28	1158	26 with 27	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:56
L29	237799	polymerizing polymerization	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:56
L30	197	28 and 29	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:56
L31	51718	fractionating fractionator fractionater fractionation	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:57
L32	40	30 and 31	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:59
L33	974	31 near3 27	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:59
L34	6	32 and 33	US-PGPUB; USPAT	OR	OFF	2006/03/02 16:59
S1	696270	gas	USPAT	OR	OFF	2004/08/19 15:21
S2	42	(polymerization polymerizer polymerizing ) and (purge adj column)	USPAT	OR	OFF	2004/08/19 15:21
S3	91	(purge adj column)	USPAT	OR	OFF	2004/08/19 15:21
S4	27	S1 with S3	USPAT	OR	OFF	2004/08/19 15:21
S5	6	S2 and S4	USPAT	OR	OFF	2004/08/19 15:23
S6	38894	purge	USPAT	OR	OFF	2004/08/19 15:23
S7	8735	S1 near2 S6	USPAT	OR	OFF	2004/08/19 15:23
S8	104281	recycle recycled	USPAT	OR	OFF	2004/08/19 15:23
S9	420	S7 with S8	USPAT	OR	OFF	2004/08/19 15:23
S10	167759	polymerization polymerizer polymerizing	USPAT	OR	OFF	2004/08/19 15:23

## EAST Search History

S11	51	S9 and S10	USPAT	OR	OFF	2004/08/19 16:01
S12	1	("6204344").PN.	USPAT; USOCR	OR	OFF	2004/08/19 16:09
S13	56392	extruder	USPAT	OR	OFF	2004/08/19 16:09
S14	8	S13 with S7	USPAT	OR	OFF	2004/08/19 16:10
S15	6	S10 and S14	USPAT	OR	OFF	2004/08/19 18:03
S16	1	("3869807").PN.	USPAT; USOCR	OR	OFF	2004/08/19 17:39
S17	32914	fractionation fractionating	USPAT	OR	OFF	2004/08/19 18:03
S18	245637	catalyst	USPAT	OR	OFF	2004/08/19 18:03
S19	547647	preparation	USPAT	OR	OFF	2004/08/19 18:03
S20	18456	S18 near3 S19	USPAT	OR	OFF	2004/08/19 18:03
S21	105	S17 with "63"	USPAT	OR	OFF	2004/08/19 18:04
S22	12	S10 and S21	USPAT	OR	OFF	2004/08/19 18:03
S23	2	S17 with S20	USPAT	OR	OFF	2004/08/19 18:04
S24	8	US-5455314-\$.DID. OR US-5565174-\$. DID. OR US-5624877-\$.DID. OR US-5648439-\$.DID. OR US-6045661-\$. DID. OR US-6262191-\$.DID. OR US-6420497-\$.DID. OR US-6559247-\$. DID.	USPAT	OR	OFF	2005/04/18 20:45
S25	167759	polymerization polymerizer polymerizing	USPAT	OR	OFF	2004/08/19 15:23
S26	123733	flash	USPAT	OR	OFF	2004/08/18 19:16
S27	38894	purge	USPAT	OR	OFF	2004/08/19 14:22
S28	56392	extruder	USPAT	OR	OFF	2004/08/18 19:16
S29	672	((polymerization polymerizer polymerizing) and flash and purge	USPAT	OR	OFF	2004/08/18 19:16
S30	101	extruder and ((polymerization polymerizer polymerizing) and flash and purge)	USPAT	OR	OFF	2004/08/18 19:16
S31	110822	condenser	USPAT	OR	OFF	2004/08/18 19:16
S32	46	((extruder and ((polymerization polymerizer polymerizing) and flash and purge)) and condenser	USPAT	OR	OFF	2004/08/18 19:19
S33	44930	recycle	USPAT	OR	OFF	2004/08/18 19:16
S34	34	((extruder and ((polymerization polymerizer polymerizing) and flash and purge)) and condenser) and recycle	USPAT	OR	OFF	2004/08/18 19:16
S35	305	((polymerization polymerizer polymerizing) and flash and purge) and condenser	USPAT	OR	OFF	2004/08/18 19:20

## EAST Search History

S36	110	recycle and (((polymerization polymerizer polymerizing) and flash and purge) and condenser)	USPAT	OR	OFF	2004/08/18 19:20
S37	76	(recycle and (((polymerization polymerizer polymerizing) and flash and purge) and condenser)) not (((extruder and ((polymerization polymerizer polymerizing) and flash and purge)) and condenser) and recycle)	USPAT	OR	OFF	2004/08/18 19:20
S38	66745	olefin	USPAT	OR	OFF	2004/08/18 19:20
S39	36	((recycle and (((polymerization polymerizer polymerizing) and flash and purge) and condenser)) not (((extruder and ((polymerization polymerizer polymerizing) and flash and purge)) and condenser) and recycle)) and olefin	USPAT	OR	OFF	2004/08/18 19:42
S40	393541	column	USPAT	OR	OFF	2004/08/18 19:42
S41	283	purge near2 column	USPAT	OR	OFF	2004/08/18 19:42
S42	70	(polymerization polymerizer polymerizing) and (purge near2 column)	USPAT	OR	OFF	2004/08/18 19:42
S43	34	flash and ((polymerization polymerizer polymerizing) and (purge near2 column))	USPAT	OR	OFF	2004/08/18 19:42
S44	12	condenser and (flash and ((polymerization polymerizer polymerizing) and (purge near2 column)))	USPAT	OR	OFF	2004/08/18 19:42
S45	1	("6045661").PN.	USPAT; USOCR	OR	OFF	2004/08/19 14:18
S46	167759	polymerization polymerizer polymerizing	USPAT	OR	OFF	2004/08/19 14:22
S47	38894	purge	USPAT	OR	OFF	2004/08/19 14:23
S48	393541	column	USPAT	OR	OFF	2004/08/19 14:23
S49	91	purge adj column	USPAT	OR	OFF	2004/08/19 14:23
S50	44930	recycle	USPAT	OR	OFF	2004/08/19 14:23
S51	1	(purge adj column) with recycle	USPAT	OR	OFF	2004/08/19 15:21
S52	42	(polymerization polymerizer polymerizing ) and (purge adj column)	USPAT	OR	OFF	2004/08/19 15:21
S53	92468	effluent	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 20:45

## EAST Search History

S54	360211	polymerization polymerizing	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 20:45
S55	301150	flash flashing flashed	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 20:45
S56	557421	condensing condense condenser condensed	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 20:46
S57	2154	S53 with S55	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 20:46
S58	1340	S53 with S54	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 20:46
S59	129	S55 with S58	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 20:46
S60	17	S56 with S59	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 21:04
S61	19	(US-20030161765-\$ or US-20020173598-\$ or US-20020111441-\$).did. or (US-3869807-\$ or US-5183866-\$ or US-5533437-\$ or US-5675052-\$ or US-6045661-\$ or US-6204344-\$ or US-6319997-\$ or US-6420497-\$ or US-6559247-\$ or US-6656868-\$ or US-6706857-\$ or US-6833415-\$ or US-5597892-\$ or US-5575979-\$ or US-4436901-\$ or US-4424341-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/04/18 20:54
S62	129507	recycle recycled recycling	USPAT	OR	OFF	2005/04/18 20:57
S63	14	S61 and S62	USPAT	OR	OFF	2005/04/18 20:54
S64	3	S60 with S62	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 20:55
S65	169491	weight adj percent	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 20:57

## EAST Search History

S66	297248	recycle recycled recycling recovered	USPAT	OR	OFF	2005/04/18 20:57
S67	1975	S65 with S66	USPAT	OR	OFF	2005/04/18 20:57
S68	2	S60 and S67	USPAT	OR	OFF	2005/04/18 20:58
S69	2	((("6818186") or ("6838531")).PN.	USPAT	OR	OFF	2005/04/18 21:04
S70	0	S69 and S67	USPAT	OR	OFF	2005/04/18 20:59
S71	65714	purge	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 21:20
S72	8	S60 and S71	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 21:04
S73	133894	purge purging purged	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 21:20
S74	667183	dryer drying	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 21:20
S75	2481	S73 with S74	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 21:20
S76	606	S54 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 21:20
S77	40	S54 with S75	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/18 21:20